

Amendments to the Claims

1. (Currently Amended) A laminate adhesive, consisting essentially of comprising a polyisocyanate component and a polyol component consisting essentially of containing polyester polyol,

wherein the polyester polyol consists essentially of comprises an acid component and a polyhydric alcohol, the acid component consisting of naphthalenedicarboxylic acid, and optionally a dimer acid and/or phthalic acid; and

wherein the laminate adhesive satisfies the following requirement: cyclic ester compounds extracted from a volume of water, and eluted from the laminate adhesive through a film layer of a composite film bonded with the laminate adhesive into the volume of water, where the volume of water is equivalent to 0.5mL/cm² of the composite film, are present at a concentration of 0.5 ppb or less per 0.5mL/cm² of the composite film, as determined by gas chromatograph-flame ionization using dibutyl phthalate as a reference compound;

when a composite film is produced by coating opposed first and second surfaces of an aluminum foil having a thickness of 9 μ m with the laminate adhesive in an amount of 2.5g/m² by weight of a solid content of the adhesive per unit area by use of a dry laminator or a solvent-free type laminator, by adhering a polyethylene terephthalate film having a thickness of 12 μ m to the first surface of the aluminum foil and an unextended polypropylene film having a thickness of 70 μ m to the second surface, and by curing the adhered films at 50°C for 3 days, to produce the composite film; and

when cyclic ester compounds eluted from the laminate adhesive are measured by forming a bag from the composite film, filling the bag with ion-exchange distilled water in an amount of 0.5mL/cm² per unit area of the interior surface of the bag, sterilizing the bag by heated water under a pressure of 19.6×10^4 Pa at 120°C for 30 minutes, extracting the water contained in the bag in a solid phase modified with an octadecyl group, drawing a sample from the extract, dissolving the sample in methanol in an amount of one hundredth of the original amount of

water contained in the bag, and measuring the presence of cyclic ester compounds in the sample by gas chromatography-flame ionization,

wherein the cyclic ester compounds are present at a concentration of 0.5 ppb or less per 0.5mL/cm² of the composite film, as determined by gas chromatograph-flame ionization using dibutyl phthalate as a reference compound.

2. (Previously presented) The laminate adhesive according to Claim 1, wherein the polyester polyol further comprises a polyhydric alcohol component comprising ethylene glycol and/or propylene glycol.

4. (Previously presented) The laminate adhesive according to Claim 1, wherein cyclic urethane compounds extracted from a volume of water, and eluted from the laminate adhesive through a composite film bonded with the laminate adhesive into the volume of water, where the volume of water is equivalent to 0.5mL/cm² of the composite film, are present at a concentration of 0.5 ppb or less per 0.5mL/cm² of the composite film, as determined by gas chromatograph-flame ionization using dibutyl phthalate as a reference compound.